

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR02/02198

A. CLASSIFICATION OF SUBJECT MATTER			
IPC7 C07C 209/62			
According to International Patent Classification (IPC) or to both national classification and IPC			
B. FIELDS SEARCHED			
Minimum documentation searched (classification system followed by classification symbols) IPC7 ; C07C			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched KR ; IPC as above			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) STN (Registry, Caplus; keyword & role search)			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	
A	Tatsuta, Kuniaki et al, "Novel synthesis of natural pseudo-aminosugars, (+)-valienamine and (+)-validamine", <i>J. of Antibiotics</i> , 2000 53(4), page 430-435 see Figure 3 at page 431	1-10	
A	Ogawa, Seiichiro et al, "Synthetic studies on antibiotic validdmycin A and related compound: synthesis of branched-chain and unsaturated branched-chain aminocyclitols", <i>Kenkyu Hokoku-Asahi Garasu Kogyo Gijutsu Shoreikai</i> , 1983 (43), page 127-133 see Figure 4 at page 128	1-10	
A	Yoshikawa, Masyuki et al, "Syntheses of validamine, epi-validamine, and valienamine, three optically active pseudo-amino-sugars, from D-glucose", <i>Chemical and Pharmaceutical Bulletin</i> , 1988 36(10), page 4236-4239 see whole document	1-10	
End of documents			
<input type="checkbox"/> Further documents are listed in the continuation of Box C.		<input type="checkbox"/> See patent family annex.	
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed		"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family	
Date of the actual completion of the international search 09 JANUARY 2003 (09.01.2003)		Date of mailing of the international search report 10 JANUARY 2003 (10.01.2003)	
Name and mailing address of the ISA/KR  Korean Intellectual Property Office 920 Dunsan-dong, Seo-gu, Daejeon 302-701, Republic of Korea Facsimile No. 82-42-472-7140		Authorized officer PARK, Kil Chae Telephone No. 82-42-481-5536 	

Form PCT/ISA/210 (second sheet) (July 1998)

BEST AVAILABLE COPY